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**MS PATENT APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

As authorized by the inventor(s), transmitted herewith for filing is a continuation-in-part application of Appl. No. 10/054,789 filed on January 25, 2002. The present application is filed on behalf of the inventor(s) according to the provisions of 37 C.F.R. § 1.41(c).

Inventor(s): Kazutomo INOUE, Kim DOHOON, Gu YANJUN, Michiyo ISHII

For: METHOD FOR INDUCING DIFFERENTIATION OF EMBRYONIC STEM CELLS INTO FUNCTIONING CELLS

Enclosed are:

- ☒ A specification consisting of fifty-two (52) pages
- ☒ Eleven (11) sheet(s) of formal drawings
- ☒ Executed Declaration in accordance with 37 C.F.R. § 1.64 will follow
- ☐ Information Sheet
- ☐ Preliminary Amendment
- ☐ Certified copy of Priority Document(s)

- ☐ Certified copy of Priority Document(s)
- ☐ Priority of Application No(s).            filed in            on  
is/are claimed under 35 U.S.C. § 119. See attached copy of  
the Letter claiming priority filed in the prior application  
on
- ☒ An Information Disclosure Statement and PTO-1449 form(s) are  
attached hereto for the Examiner's consideration.
- ☒ Applicant claims small entity status under 37 C.F.R. § 1.27
- ☒ Amend the specification by inserting before the first  
sentence

--This application is a continuation-in-part of copending  
Application No. 10/054,789 filed on January 25, 2002, the  
entire contents of which are hereby incorporated by  
reference and for which priority is claimed under 35 U.S.C.  
§ 120.--

- ☐ Amend the specification by inserting before the first  
sentence

--This application is a continuation-in-part of PCT  
International Application No. PCT/            which has an  
international filing date of            which designated the  
United States, the entire contents of which are hereby  
incorporated by reference and for which priority is claimed  
under 35 U.S.C. § 120.--

- ☐ An extension of time for            (    ) month(s) until  
has been submitted in parent Application No.            in order  
to establish co-pendency with the present application.
- ☐ Other: \_\_\_\_\_

07/25/03  
13261 U.S. PRO

Docket No. 0020-5157P

The filing fee has been calculated as shown below:

	BASIC FEE		LARGE ENTITY	SMALL ENTITY
	NUMBER FILED	NUMBER EXTRA	RATE FEE	RATE FEE
TOTAL CLAIMS	14-20=	0	x18 = \$0.00	x 9= \$0.00
INDEPENDENT CLAIMS	1-3=	0	x84 = \$0.00	x42= \$0.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED			+ \$280.00	+ \$140.00
	TOTAL		\$0.00	\$375.00

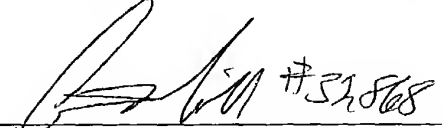
- ☒ The application transmitted herewith is filed in accordance with 37 C.F.R. § 1.41(c). The undersigned has been authorized by the inventor(s) to file the present application. The original duly executed Declaration together with the surcharge will be forwarded in due course.
- ☒ A check in the amount of \$375.00 to cover the filing fee is enclosed.
- ☐ Please charge Deposit Account No. 02-2448 in the amount of \$0.00. A triplicate copy of this transmittal form is enclosed.
- ☒ Please send correspondence to:  
BIRCH, STEWART, KOLASCH & BIRCH, LLP or Customer No. 02292  
P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

Docket No. 0020-5157P

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By  #52868  
Raymond C. Stewart, #21,066

*WR*  
RCS/KLR:gml  
0020-5157P

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Attachment(s)

(Rev. 07/14/03)